

BULLETIN OF ZOOLOGICAL NOMENCLATURE

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Notices

(1) Applications and correspondence relating to applications to the Commission should be sent to the Executive Secretary at the address given on the inside of the front cover and on the Commission website. English is the official language of the *Bulletin*. Please take careful note of instructions to authors (present in a one or two page form in each volume) as incorrectly formatted applications will be returned to authors for revision. The Commission's Secretariat will answer general nomenclatural (as opposed to purely taxonomic) enquiries and assist with the formulation of applications. As far as it can, the Secretariat will check the main nomenclatural references in applications. Correspondence should be by e-mail to 'iczn@nhm.ac.uk' where possible.

(2) The Commission votes on applications eight months after they have been published, although this period is normally extended to enable comments to be submitted. Comments for publication relating to applications (either in support or against, or offering alternative solutions) should be submitted as soon as possible. Comments may be edited.

(3) Requests for help and advice on the Code can be made direct to the Commission and other interested parties via the Internet. Membership of the Commission's Discussion List is free of charge. You can subscribe and find out more about the list at <http://list.afriherp.org/mailman/listinfo/iczn-list>.

(4) The Commission also welcomes the submission of general-interest articles on nomenclatural themes or nomenclatural notes on particular issues. These may deal with taxonomy, but should be mainly nomenclatural in content. Articles and notes should be sent to the Executive Secretary.

New applications to the Commission

The following new applications have been received since the last issue of the *Bulletin* (volume 64, part 4, 20 December 2007) went to press. Under Article 82 of the Code, the existing usage of names in the applications is to be maintained until the Commission's rulings on the applications (the Opinions) have been published.

CASE 3440: *Atrichornis* Stejneger, 1885 (Aves, ATRICHORNITHIDAE): proposed conservation. R. Schodde & W.J. Bock.

CASE 3442: *Columba norfolciensis* Latham, 1801 (Aves, COLUMBIDAE): proposed suppression. R. Schodde & W.J. Bock.

CASE 3443: *Tentyria* Latreille, 1802 (Insecta, Coleoptera): proposed conservation of usage. P. Bouchard, I. Löbl & M. Lillig.

CASE 3444: *Chelonibia testudinaria* (Linnaeus, 1758) (Crustacea, Cirripedia): proposed conservation of usage by designation of a neotype of *Lepas testudinaria* Linnaeus, 1758. M.G. Frick.

CASE 3445: *Cylindrolepas darwiniana* Pilsbry, 1916 (Crustacea, Cirripedia): proposed conservation of genus and species by designation of a neotype. M.G. Frick.

CASE 3446: *Anolis chrysolepis* Duméril & Bribron, 1837 (Sauropsida, Squamata): proposed conservation. C.W. Myers.

CASE 3447: *Paraelops cearensis* Silva Santos, 1971 (Teleostei, Elopomorpha): redefinition of holotype. F.J. Figueirado et al.

CASE 3448: *Hornera frondiculata* Lamouroux, 1821 (Bryozoa, Cyclostomata): proposed conservation. A. Smith, P.D. Taylor & H.G. Spencer.

CASE 3449: *Diomedea melanophris* Temminck, 1828 (Aves): proposed correction. C.J. Carlos

CASE 3450: *Polyommatus castro* Reakirt, 1866 (Insecta, Lepidoptera): proposed replacement of lectotype. J.A. Scott.

CASE 3451: *Sitticus* Simon, 1901 (Arachnida, Araneae): proposed conservation. J. Prószyński.

CASE 3452: Synapsida Schmidt, 1852 (Mammalia): proposed replacement by Monapsida Willis 2000. E.O. Willis.

The International Commission on Zoological Nomenclature

The aim of the Commission is to bring stability to the use of animal names (zoological nomenclature). The Commission does this by:

(a) producing, publishing and periodically revising the *International Code of Zoological Nomenclature* (the Code), which deals with the formulation and use of animal names;

(b) considering and ruling on specific cases of nomenclatural uncertainty and dispute about animal names that are not automatically resolved under the provisions of the Code, via applications published in the *Bulletin of Zoological Nomenclature*.

The International Congress of Zoology founded the Commission in 1895. At present, the Commission consists of 24 zoologists from 18 countries whose interests cover most of the main divisions, including palaeontology, of the animal kingdom. The Commission is under the patronage of the International Union of Biological Sciences (IUBS). Commission members are elected by the vote of zoologists attending General Assemblies of the IUBS or other appropriate congresses. Nominations for membership may be sent to the Executive Secretary at any time. The Commission's history is described in *Towards Stability in the Names of Animals* (1995) (see below under 'Publications' for details). Further discussion of the Commission's activities can be found in BZN 48: 295–299 (December 1991) and BZN 60: supplement, pp. 1–12 (March 2003).

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The International Trust for Zoological Nomenclature

The International Trust for Zoological Nomenclature (the Trust) was founded in 1947 to manage the Commission's financial matters. It is a registered charity, based in the U.K. (No. 211944). At present, the Trust consists of 29 members from 14 countries. Discussion of the Trust's activities can be found in BZN **60**: supplement, pp. 1–12 (March 2003).

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The Commission's website

Abstracts of Applications, Comments and Opinions and details of the names included in the Official Lists and Indexes of Names and Works in Zoology are posted on the Commission's website 'www.iczn.org'.

The International Code of Zoological Nomenclature

The aim of the Code is to provide the greatest universality and continuity in the scientific names of animals without restricting the taxonomy or classification of the animals for which the names are used. The current (fourth edition) of the Code was published by the Trust in English and French in 1999, and came into effect on 1 January 2000; this edition supersedes all previous editions. Official texts are available in Catalanian, Chinese, Czech, German, Japanese, Russian, Spanish and Ukrainian. See below under 'Publications' for sales details.

The Articles of the Code enable the user to decide the valid name for any animal taxon between and including subspecies and superfamily. The provisions of the Code can be waived or modified in particular cases where strict adherence would cause confusion. However, only the Commission, acting on behalf of all zoologists, can do this in response to formal applications that are published in the *Bulletin*.

The Bulletin of Zoological Nomenclature

The *Bulletin* is published four times each year at the end of March, June and September and mid-December. The *Bulletin* includes Applications relating to animal names, Comments on Applications, and Opinions giving the Commission's eventual rulings based on the Commissioners' votes. Each Opinion published in the *Bulletin* is an official ruling of the Commission and comes into effect on the day of publication of the *Bulletin*. The Opinions are summarised in the *Official Lists and Indexes of Names and Works in Zoology*. The *Bulletin* also includes papers on general nomenclatural issues and proposed amendments to the Code. See below under 'Publications' for how to subscribe to the *Bulletin* and for details about the *Official Lists and Indexes of Names and Works in Zoology*.

Publications

All publications listed below may be ordered from: ITZN, c/o Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk). With the exception of the *Bulletin* (which can only be ordered from ITZN), these publications can also be ordered from the American Association for Zoological Nomenclature (AAZN), Alfred L. Gardner, USGS Patuxent Wildlife Research Center, National Museum of Natural History, PO BOX 37012, ROOM 378 MRC 111, WASHINGTON DC 20013-7012 U.S.A. (e-mail: gardnera@si.edu).

Prices listed below include surface postage. Please send payment with orders. Cheques should be made out to 'ITZN' (in sterling, US dollars or Euros) or to 'AAZN' (in US dollars only). Visa or MasterCard payments can be made in sterling to ITZN only; AAZN is not able to handle credit card payments. Please give cardholder's name, address, card number and expiry date when ordering.

The *Bulletin* subscription for 2008 is £160 or US\$320 or €280, including postage by accelerated surface post. Individual subscribers for personal use have a 50% discount making the subscription £80 or US\$160 or €140.

The *International Code of Zoological Nomenclature* (4th Edition, 1999; ISBN 0 85301 006 4; English and French in one volume) is available at £20 or US\$40 or €30, including surface postage. Information about the prices and availability of

the authorised translations of the Code can be obtained from the following e-mail addresses:

Chinese (traditional)—wenhua@oceantaiwan.com

Czech—klapagenda@centrum.cz

German—books@insecta.de

Japanese—tomokuni@kahaku.go.jp

Russian—kim@ik3599.spb.edu

Spanish—cfuentes@mncn.csic.es

The *Official Lists and Indexes of Names and Works in Zoology* gives details of all the names and publications on which the Commission has ruled since it was set up in 1895. The first volume published in 1987 contains 9917 entries, and a Supplement (2001) lists an additional 2385 entries. The cost of the 1987 volume and of the Supplement is £35 or US\$50 or €70 each, with reductions for both volumes ordered together and for individual buyers for personal use. Details available on request.

Towards stability in the names of animals—a history of the International Commission on Zoological Nomenclature 1895–1995 was published in 1995 in recognition of the Commission's Centenary. This book of 104 pages contains 18 full-page illustrations, 14 being of eminent zoologists who played a crucial part in the development of animal nomenclature. The cost is £15 or US\$30 or €20.

Commissioner Prof. D.X. Song

We deeply regret to announce the death of Commissioner Prof. D.X. Song on January 25, 2008 at the age of 73. Prof. Song was a specialist on Hirudinea. He was a researcher in the Division of Systematic & Evolutionary Zoology at the Institute of Zoology of the Chinese Academy of Sciences and a professor in the Hebei University in Beijing, China. The Commission and Secretariat send condolences to Prof. Song's family and colleagues.

Corrigendum to Opinion 2185 (Case 3340). *Heliacus* d'Orbigny, 1842 (Mollusca, Gastropoda): conserved (BZN 64: 263–264)

This Opinion included a summary statement implying criticism of the thoroughness with which the authors of the application had researched the dates of publication of the names involved, and attributing comments of this kind to 'several Commissioners'. Actually, two Commissioners had expressed a wish for more detail on the steps which had been taken to try to establish the dates. The Secretariat regrets any negative impression about the abilities and professionalism of the applicants which may have been conveyed. We wish to assure Dr Bieler and Mr Petit that no criticism was intended and we welcome their further input into nomenclatural issues.

Case 3416***Murex rostratus* Olivi, 1792 (currently *Fusinus rostratus*; Mollusca, Gastropoda): proposed conservation of the specific name**

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Abstract. The purpose of this application, under Article 23.9.5 of the Code, is to conserve the name *Murex rostratus* Olivi, 1792 (currently *Fusinus rostratus*) (Mollusca, Gastropoda, FASCIOLARIIDAE) in its prevailing usage by ruling that this name is not invalid by virtue of being a junior primary homonym of *Murex rostratus* Solander in Brander, 1766 (currently *Turricula rostrata*). The senior homonym is currently included in TURRIDAE and has not been considered congeneric with *Murex rostratus* Olivi, 1792 after 1899.

Keywords. Nomenclature; taxonomy; Mollusca; Gastropoda; FASCIOLARIIDAE; TURRIDAE; *Fusinus rostratus*; *Turricula rostrata*; gastropods; Mediterranean.

1. The species currently named *Fusinus rostratus* (Olivi, 1792) (Gastropoda, FASCIOLARIIDAE) was originally described as *Murex rostratus* based on a shell from the Mediterranean (Olivi, 1792, p. 153). Olivi's (1792) diagnosis was literally taken from the description by Ginanni (1757, p. 8) (see Ghisotti, 1978, p. 25).

2. Aartsen & Giannuzzi-Savelli (1992, p. 230) found *Murex rostratus* Olivi, 1792 to be a junior homonym of *Murex rostratus* Solander in Brander, 1766. They proposed that *Murex rostratus* Olivi, 1792 should be replaced by its oldest junior synonym *Murex sanctaeluciae* Salis-Marschlins, 1793 (p. 371) (currently *Fusinus sanctaeluciae*).

3. However, *Murex rostratus* Solander in Brander, 1766 (p. 21) and *Murex rostratus* Olivi, 1792, although primary homonyms, have not been considered congeneric after 1899 (Article 23.9.5 of the Code). In fact, *Murex rostratus* Solander in Brander, 1766 is not a species of *Fusinus*, and not even a member of the FASCIOLARIIDAE, but a fossil representative of the TURRIDAE Swainson, 1840 from the Eocene of England, assigned to the genus *Surcula* H. & A. Adams, 1853 by Vokes (1971, p. 92) and to the genus *Turricula* Schumacher, 1817 by Aartsen & Giannuzzi-Savelli (1992, p. 229).

4. Buzzurro & Russo (2007, p. 144), in their revision of the Recent Mediterranean *Fusinus* species, stressed that *Murex rostratus* Olivi, 1792 was universally considered as valid and consistently used by all authors, with *F. sanctaeluciae* (Salis-Marschlins, 1793) always regarded as a junior synonym until the proposal of the replacement name by Aartsen & Giannuzzi-Savelli (1992). After that proposal, the usage of the name *Murex rostratus* has been maintained by most authors (Templado et al., 1993, p. 66; Vio & De Min, 1994, p. 471; Delamotte & Vardala-Theodorou, 1994, p. 405;